


Substitute for Form 1449/PTO			<div style="text-align: center;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> </div>		<div style="text-align: center;">  </div>	
					Complete if Known	
					Application Number	10/613,006
					Filing Date	July 7, 2003
					First Named Inventor:	Scot A. Kellar
					Art Unit	2813
					Examiner Name	Dolan, Jennifer M.
					Attorney Docket Number	42P12750D
Sheet	1	of		3		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
JMS		US-	3,648,131	3/7/1972	Stuby	
JMS		US-	3,705,332	12/5/1972	Parks	
JMS		US-	4,897,708	1/30/1990	Clements	
JMS		US-	4,954,875	9/4/1990	Clements	
JMS		US-	4,998,665	3/12/1991	Hayashi	
JMS		US-	5,045,914	9/3/1991	Casto et al.	
JMS		US-	5,229,647	7/20/1993	Gnadinger et al.	
JMS		US-	5,283,107	2/1/1994	Bayer et al.	
JMS		US-	5,404,044	4/4/1995	Booth et al.	
JMS		US-	5,510,655	4/23/1996	Tanielian	
JMS		US-	5,608,265	3/4/1997	Kitano et al.	
JMS		US-	5,640,049	6/17/1997	Rostoker et al.	
JMS		US-	5,717,247	2/10/1998	Koh et al.	
JMS		US-	5,751,556	5/12/1998	Butler et al.	
JMS		US-	5,825,080	10/20/1998	Imaoka et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)			
JMS		EP	0293459 B1	7/22/1992	Carlomagno et al.	

Examiner Signature		Date Considered	1/6/06
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>					Complete if Known	
					Application Number	10/613,006
					Filing Date	July 7, 2003
					First Named Inventor:	Scot A. Kellar
					Art Unit	2813
					Examiner Name	Dolan, Jennifer M.
Sheet	2	of	3	Attorney Docket Number		42P12750D

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
<i>[Signature]</i>		US-	5,901,050	5/4/1999	Imai	
<i>[Signature]</i>		US-	6,391,669	5/21/2002	Fasano et al.	
<i>[Signature]</i>		US-	6,593,645	7/15/2003	Shih et al.	
<i>[Signature]</i>		US-	6,608,371	8/19/2003	Kurashima et al.	
<i>[Signature]</i>		US-	6,661,085	12/9/2003	Kellar et al. (P12750 Iss'd)	
<i>[Signature]</i>		US-	6,882,045	4/19/2005	Massingill et al.	
<i>[Signature]</i>		US-	US 2001/0038148 A1	11/8/2001	Mastromatteo et al.	
<i>[Signature]</i>		US-	US 2002/0017710 A1	2/14/2002	Kurashima et al.	
<i>[Signature]</i>		US-	US 2002/0195673 A1	12/26/2002	Chou et al.	
<i>[Signature]</i>		US-	US 2003/0148596 A1	8/7/2003	Kellar et al.	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				





FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				


Examiner Signature <i>[Signature]</i>	Date Considered <i>1/6/06</i>
---------------------------------------	-------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/613,006
				Filing Date	July 7, 2003
				First Named Inventor:	Scot A. Kellar
				Art Unit	2813
				Examiner Name	Dolan, Jennifer M.
Sheet	3	of	3	Attorney Docket Number	42P12750D
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		"Ultra Thin Electronics for Space Applications", 2001 Electronic Components and Technology Conference, 2001 IEEE, 5 pages.			
		"Copper Wafer Bonding"; A. Fan, A. Rahman, and R. Reif; Electrochemical and Solid-State Letters, 2 (10) 534-536 (1999).			
		"Face to Face Wafer Bonding for 3D Chip Stack Fabrication to Shorten Wire Lengths", Jun. 27-29, 2000 VMIC Conference 2000 IMIC-200/00/0090(c), 90-96.			
		"InterChip Via Technology for Vertical System Integration", Fraunhofer Institute for Reliability and Microintegration, Munich, Germany, Infineon Technologies AG, Munich, Germany, 2001 IEEE, 160-162.			

Examiner Signature		Date Considered	1/6/04
--------------------	---	-----------------	--------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.